LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021565.D
Acq On : 22 Dec 2021 16:05
Operator : SY/VA
Sample : VIBLK560
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK560

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Title : SFAM01.0

Signal : TIC: VW021565.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.148	37	40	45	rVB3	638	887	0.19%	0.022%
2	2.190	45	47	48	rBV	201	143	0.03%	0.004%
3	2.209	48	50	53	rBV2	397	518	0.11%	0.013%
4	2.343	66	72	81	rVB	37332	60027	13.07%	1.495%
5	2.605	114	115	118	rVB	344	159	0.03%	0.004%
6	2.751	135	139	141	rBV3	324	299	0.07%	0.007%
7	2.873	151	159	168	rBV	22199	45743	9.96%	1.139%
8	3.379	235	242	249	rVB2	925	2138	0.47%	0.053%
9	3.733	296	300	301	rBV	104	135	0.03%	0.003%
10	4.007	335	345	360	rBV2	52556	150618	32.81%	3.750%
11	4.154	364	369	372	rVV2	268	409	0.09%	0.010%
12	4.452	410	418	420	rBV2	615	1310	0.29%	0.033%
13	4.836	478	481	482	rBV2	119	133	0.03%	0.003%
14	4.909	484	493	507	rVB2	5215	16888	3.68%	0.420%
15	5.098	521	524	525	rBV2	328	343	0.07%	0.009%
16	5.202	537	541	542	rVB	168	213	0.05%	0.005%
17	5.233	543	546	548	rBB	160	131	0.03%	0.003%
18	5.318	557	560	562	rVV2	128	143	0.03%	0.004%
19	5.391	570	572	576	rVB2	135	165	0.04%	0.004%
20	5.476	581	586	587	rBV	118	174	0.04%	0.004%
21	5.550	595	598	601	rVB2	147	173	0.04%	0.004%
22	5.745	624	630	631	rBV2	382	504	0.11%	0.013%
23	5.861	648	649	653	rBV2	118	147	0.03%	0.004%
24	5.897	653	655	656	rVV	199	161	0.04%	0.004%
25	5.946	656	663	671	rVB5	1236	3517	0.77%	0.088%
26	6.031	674	677	678	rBV	143	132	0.03%	0.003%
27	6.050	678	680	683	rVB	140	168	0.04%	0.004%
28	6.196	701	704	707	rBB	136	145	0.03%	0.004%
29	6.482	749	751	754	rVB	168	160	0.03%	0.004%
30	6.775	796	799	802	rBB	140	138	0.03%	0.003%
31	6.958	826	829	832	rBB2	126	142	0.03%	0.004%
32	7.080	838	849	855	rBV	11643	32258	7.03%	0.803%
33	7.147	857	860	871	rVB	8572	20880	4.55%	0.520%
34	7.446	906	909	912	rBB	141	185	0.04%	0.005%
35	7.537	919	924	926	rBV	139	245	0.05%	0.006%
36	7.647	932	942	954	rBV	78759	190171	41.42%	4.735%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021565.D
Acq On : 22 Dec 2021 16:05
Operator : SY/VA
Sample : VIBLK560
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK560

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Title : SFAM01.0

37	8.275	1032	1045	1062	rBV2	152904	459111	100.00%	11.431%
38	8.622	1101	1102	1104	rVB	219	158	0.03%	0.004%
39	8.683	1108	1112	1114	rBB	156	213	0.05%	0.005%
40	8.842	1128	1138	1151	rBV	135157	263736	57.44%	6.567%
41	9.079	1174	1177	1180	rBB	405	446	0.10%	0.011%
42	9.275	1200	1209	1220	rBV	100920	202115	44.02%	5.032%
43	9.354	1220	1222	1228	rVB	233	287	0.06%	0.007%
44	9.665	1269	1273	1279	rBB2	293	454	0.10%	0.011%
45	9.750	1284	1287	1293	rBB2	446	594	0.13%	0.015%
46	9.890	1305	1310	1314	rVB2	1146	1837	0.40%	0.046%
47	10.037	1323	1334	1341	rBV	55173	100538	21.90%	2.503%
48	10.128	1346	1349	1350	rBV	174	145	0.03%	0.004%
49	10.207	1356	1362	1366	rBV2	816	1617	0.35%	0.040%
50	10.323	1373	1381	1388	rBV	225801	403344	87.85%	10.042%
51	10.390	1388	1392	1404	rVB	3052	6017	1.31%	0.150%
52	10.579	1416	1423	1432	rVB	35550	59707	13.00%	1.487%
53	10.652	1432	1435	1436	rBV	236	176	0.04%	0.004%
54	10.701	1436	1443	1452	rBV2	23722	43001	9.37%	1.071%
55	10.762	1452	1453	1456	rBV	319	177	0.04%	0.004%
56	10.811	1459	1461	1462	rBV	198	169	0.04%	0.004%
57	10.847	1462	1467	1470	rVB5	696	1028	0.22%	0.026%
58	10.921	1470	1479	1490	rBV	50635	90845	19.79%	2.262%
59	11.067	1498	1503	1507	rBV2	6756	11472	2.50%	0.286%
60	11.433	1559	1563	1573	rVB	17493	32930	7.17%	0.820%
61	11.628	1588	1595	1603	rBV	197206	336126	73.21%	8.369%
62	11.835	1624	1629	1632	rBV4	1107	1994	0.43%	0.050%
63	11.908	1639	1641	1645	rVV3	345	266	0.06%	0.007%
64	11.981	1649	1653	1655	rBV	414	634	0.14%	0.016%
65	12.061	1661	1666	1670	rBV4	686	1222	0.27%	0.030%
66	12.109	1672	1674	1676	rBV	220	207	0.05%	0.005%
67	12.164	1682	1683	1687	rVB2	430	348	0.08%	0.009%
68	12.201	1687	1689	1690	rVB	217	137	0.03%	0.003%
69	12.292	1690	1704	1706	rBV7	1891	6298	1.37%	0.157%
70	12.603	1749	1755	1762	rVB	76265	131833	28.71%	3.282%
71	12.689	1763	1769	1775	rVB	87409	142749	31.09%	3.554%
72	12.871	1792	1799	1802	rBV7	4107	9359	2.04%	0.233%
73	13.158	1844	1846	1847	rBV2	1109	875	0.19%	0.022%
74	13.188	1848	1851	1855	rVB	3099	3697	0.81%	0.092%
75	13.292	1863	1868	1883	rVB6	20172	64375	14.02%	1.603%
76	13.554	1905	1911	1917	rBV	242388	383717	83.58%	9.554%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021565.D
Acq On : 22 Dec 2021 16:05
Operator : SY/VA
Sample : VIBLK560
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK560

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Title : SFAM01.0

77	13.762	1939	1945	1948	rBV8	3886	7309	1.59%	0.182%
78	13.853	1953	1960	1970	rBV	229242	393176	85.64%	9.789%
79	14.060	1989	1994	2010	rVB	28130	54662	11.91%	1.361%
80	14.176	2011	2013	2014	rBV2	559	486	0.11%	0.012%
81	14.304	2024	2034	2043	rBV4	7042	24023	5.23%	0.598%
82	14.499	2061	2066	2067	rBV4	1394	2117	0.46%	0.053%
83	14.670	2088	2094	2096	rBV4	1610	2801	0.61%	0.070%
84	14.719	2099	2102	2107	rVB4	3748	5230	1.14%	0.130%
85	14.877	2120	2128	2129	rBV8	2117	4539	0.99%	0.113%
86	14.950	2130	2140	2152	rVB2	17103	57331	12.49%	1.427%
87	15.359	2198	2207	2212	rBV	9713	19436	4.23%	0.484%
88	15.432	2212	2219	2223	rBV	11583	21081	4.59%	0.525%
89	15.651	2244	2255	2264	rBV6	5791	18762	4.09%	0.467%
90	15.761	2271	2273	2275	rVB3	771	473	0.10%	0.012%
91	15.889	2291	2294	2296	rBV3	913	1193	0.26%	0.030%
92	16.078	2323	2325	2326	rBV2	579	527	0.11%	0.013%
93	16.151	2335	2337	2338	rVB2	565	283	0.06%	0.007%
94	16.170	2338	2340	2341	rBV	494	478	0.10%	0.012%
95	16.261	2351	2355	2362	rVB5	1133	2521	0.55%	0.063%
96	16.377	2362	2374	2378	rBV6	4102	12540	2.73%	0.312%
97	16.438	2380	2384	2398	rVB8	4184	12614	2.75%	0.314%
98	16.560	2398	2404	2406	rBV5	864	1480	0.32%	0.037%
99	16.639	2409	2417	2425	rBV	35994	79363	17.29%	1.976%
100	16.749	2433	2435	2436	rBV2	528	299	0.07%	0.007%

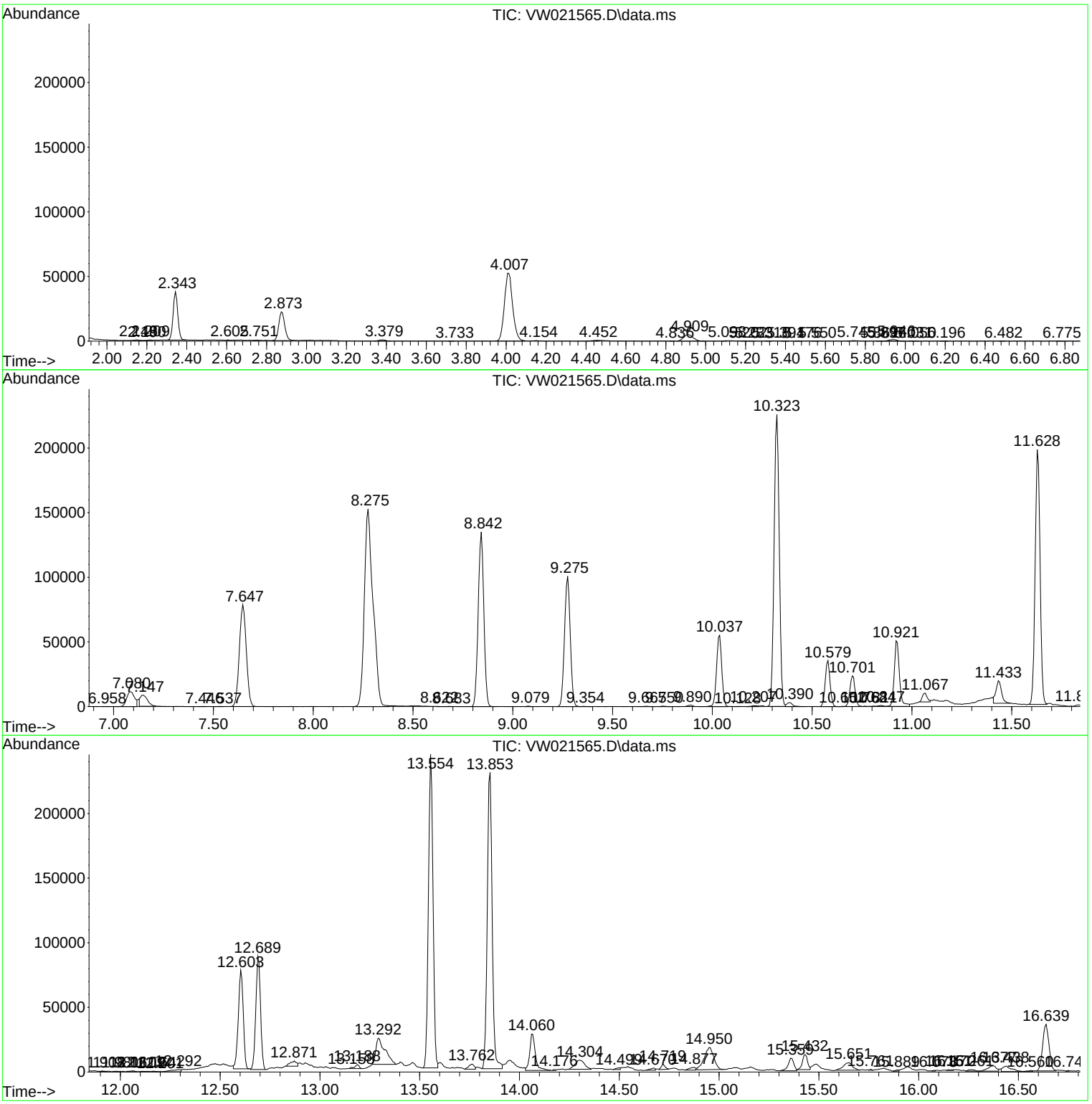
Sum of corrected areas: 4016380

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021565.D
Acq On : 22 Dec 2021 16:05
Operator : SY/VA
Sample : VIBLK560
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK560

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021565.D
Acq On : 22 Dec 2021 16:05
Operator : SY/VA
Sample : VIBLK560
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK560

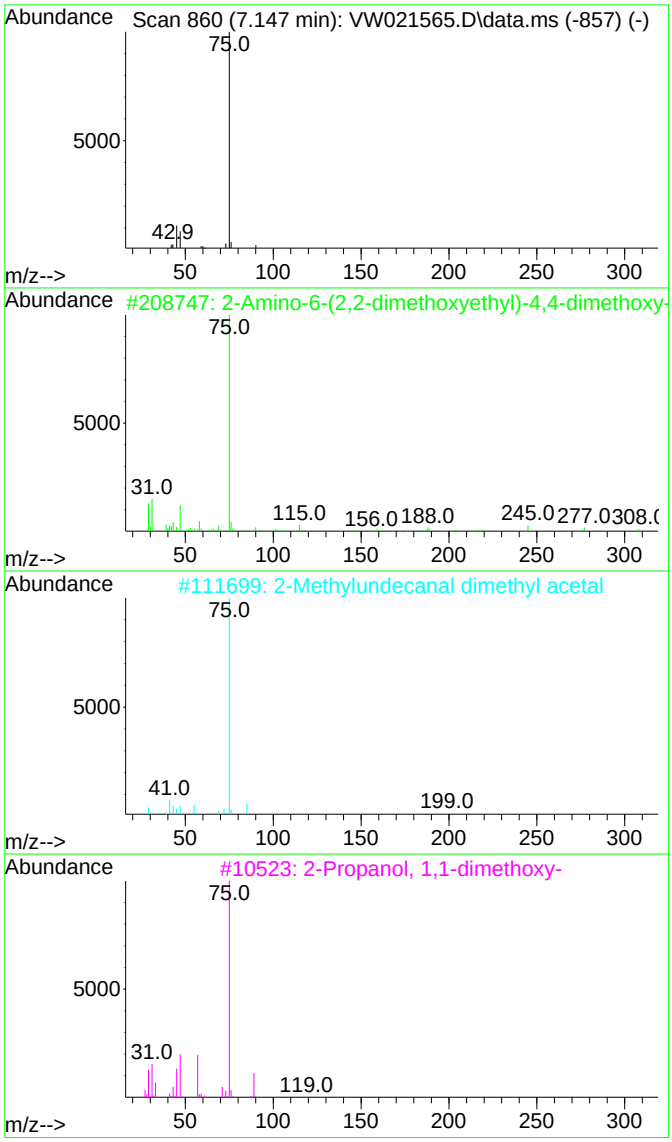
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

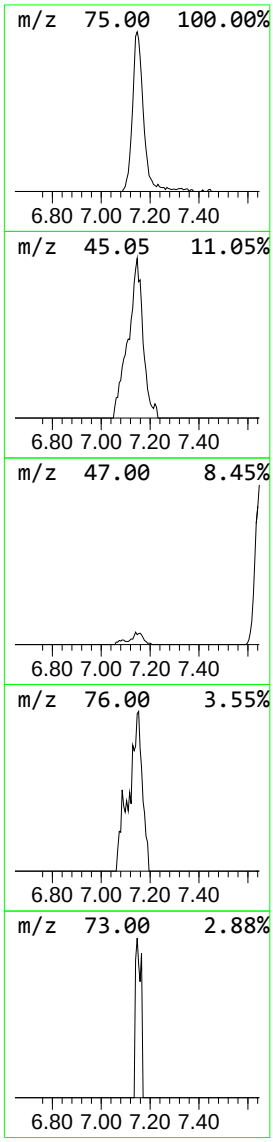
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.147	1.98 ug/L	20880	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Amino-6-(2,2-dimethoxyethyl)-4...	308	C14H20N4O4	1000459-19-4	9
2	2-Methylundecanal dimethyl acetal	230	C14H30O2	1010430-97-6	9
3	2-Propanol, 1,1-dimethoxy-	120	C5H12O3	042919-42-6	9
4	Formamide, N-methylthio	75	C2H5NS	018952-41-5	7
5	Silanol, trimethyl-	90	C3H10OSi	001066-40-6	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021565.D
Acq On : 22 Dec 2021 16:05
Operator : SY/VA
Sample : VIBLK560
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK560

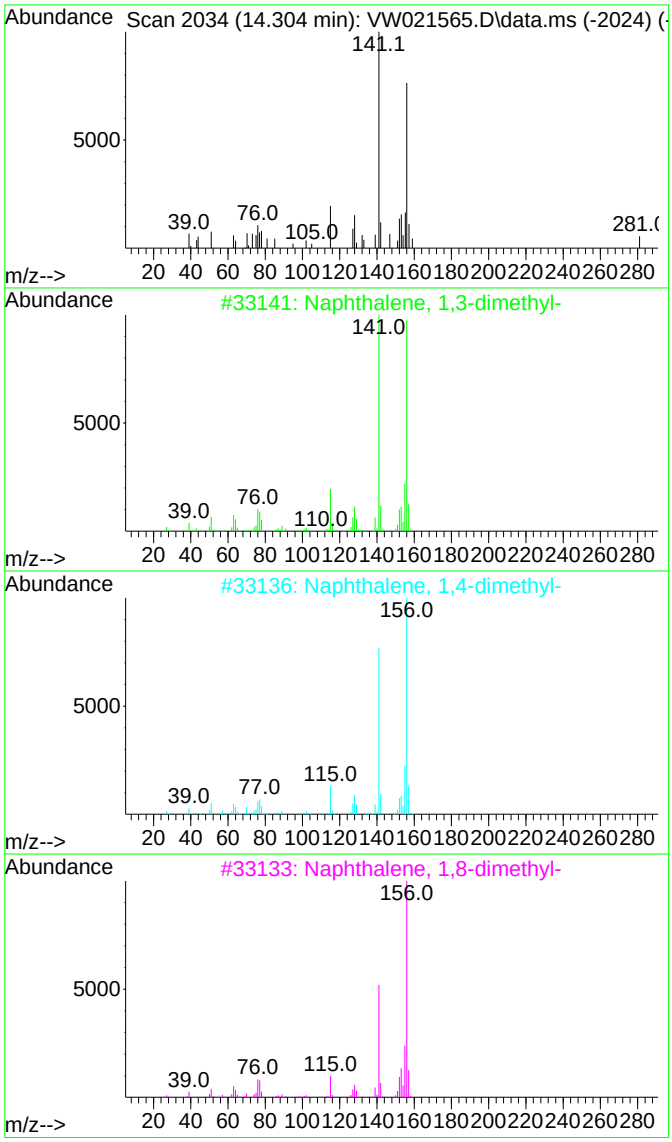
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

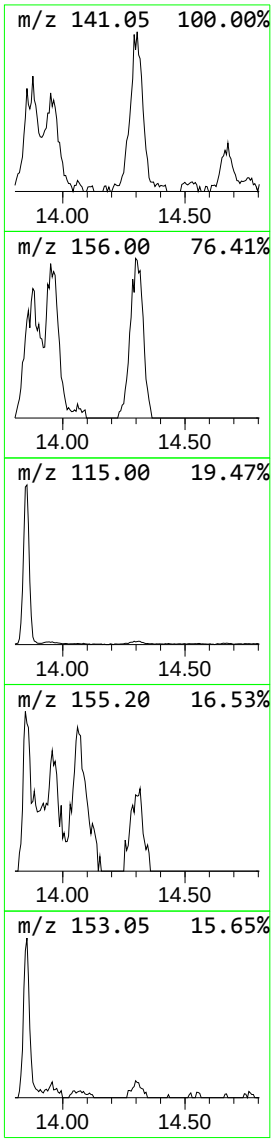
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 1,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.304	1.57 ug/L	24023	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93
3	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021565.D
Acq On : 22 Dec 2021 16:05
Operator : SY/VA
Sample : VIBLK560
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK560

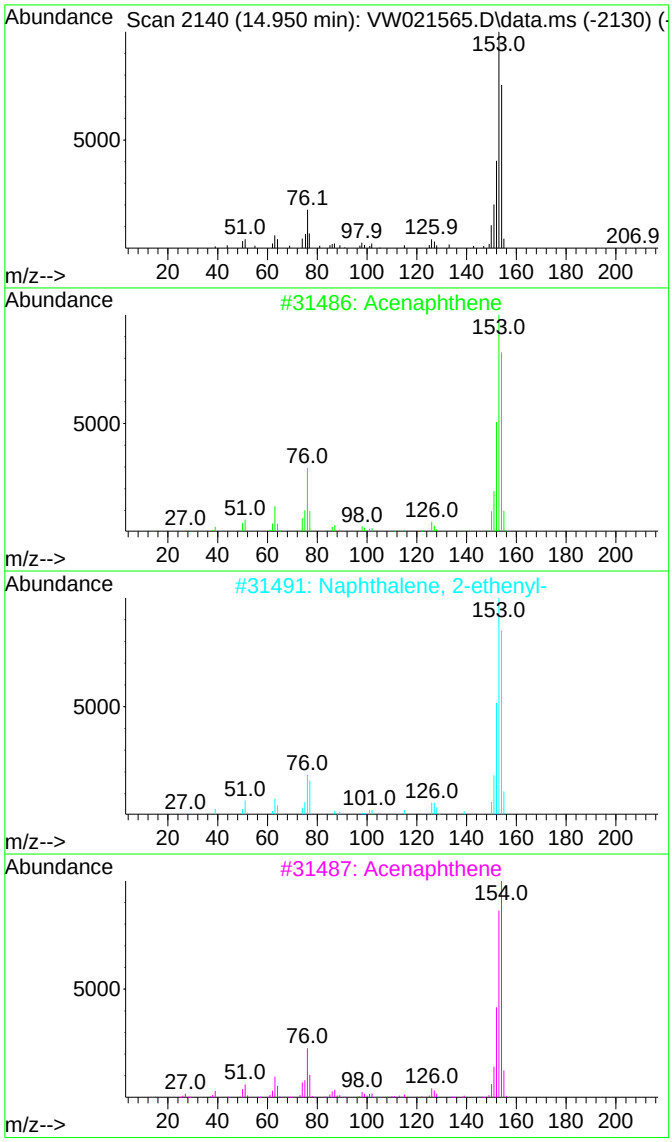
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

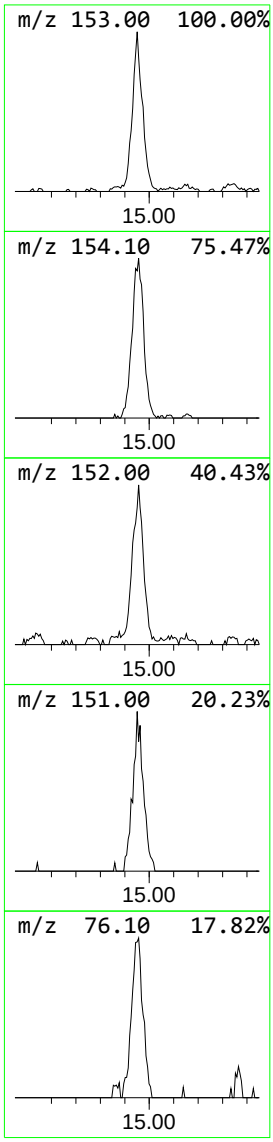
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 2-ethenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.950	3.74 ug/L	57331	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	64
2	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	58
3	Acenaphthene	154	C12H10	000083-32-9	55
4	Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	53
5	2,4,6-Trihydroxybenzaldehyde	154	C7H6O4	000487-70-7	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021565.D
Acq On : 22 Dec 2021 16:05
Operator : SY/VA
Sample : VIBLK560
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK560

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

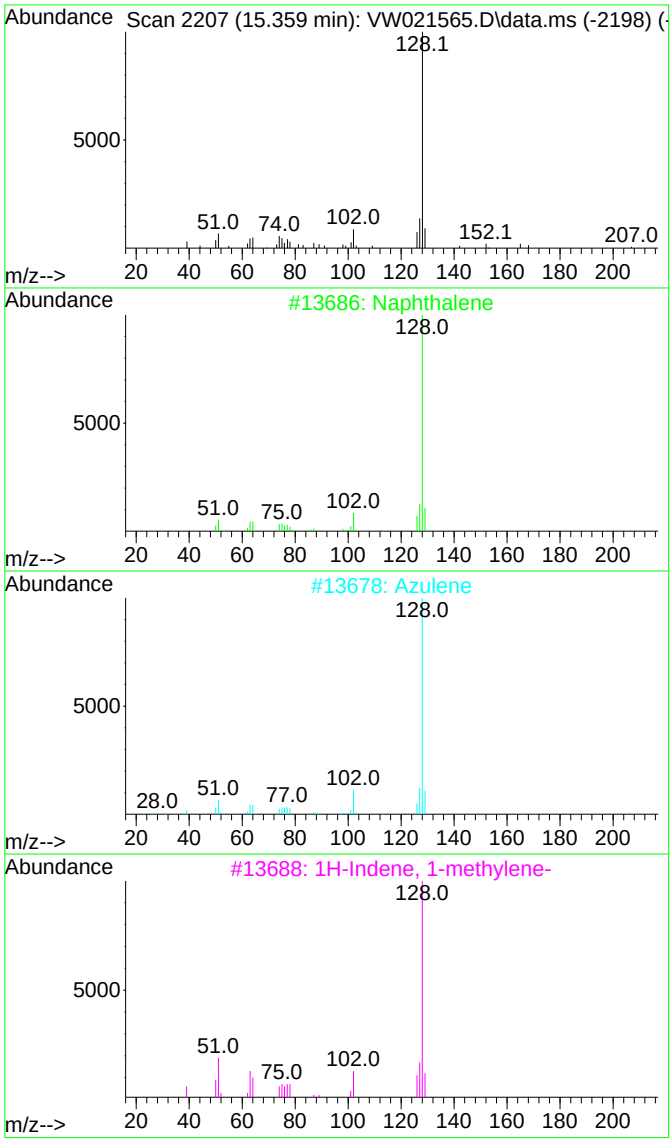
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

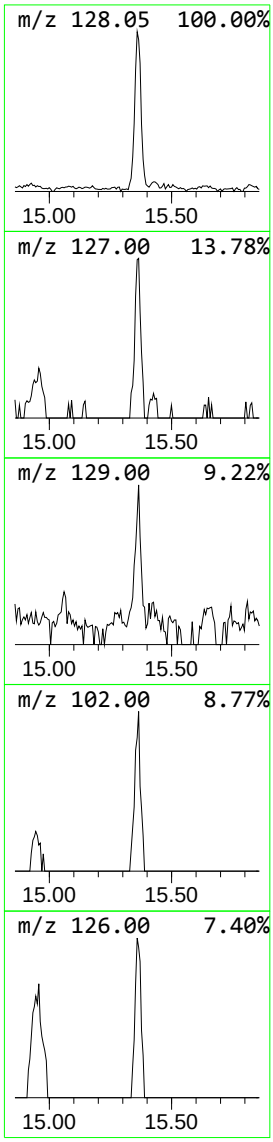
****

Peak Number 11 Azulene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.359	1.27 ug/L	19436	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	94
2	Azulene	128	C10H8	000275-51-4	93
3	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	93
4	Azulene	128	C10H8	000275-51-4	90
5	Azulene	128	C10H8	000275-51-4	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021565.D
Acq On : 22 Dec 2021 16:05
Operator : SY/VA
Sample : VIBLK560
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK560

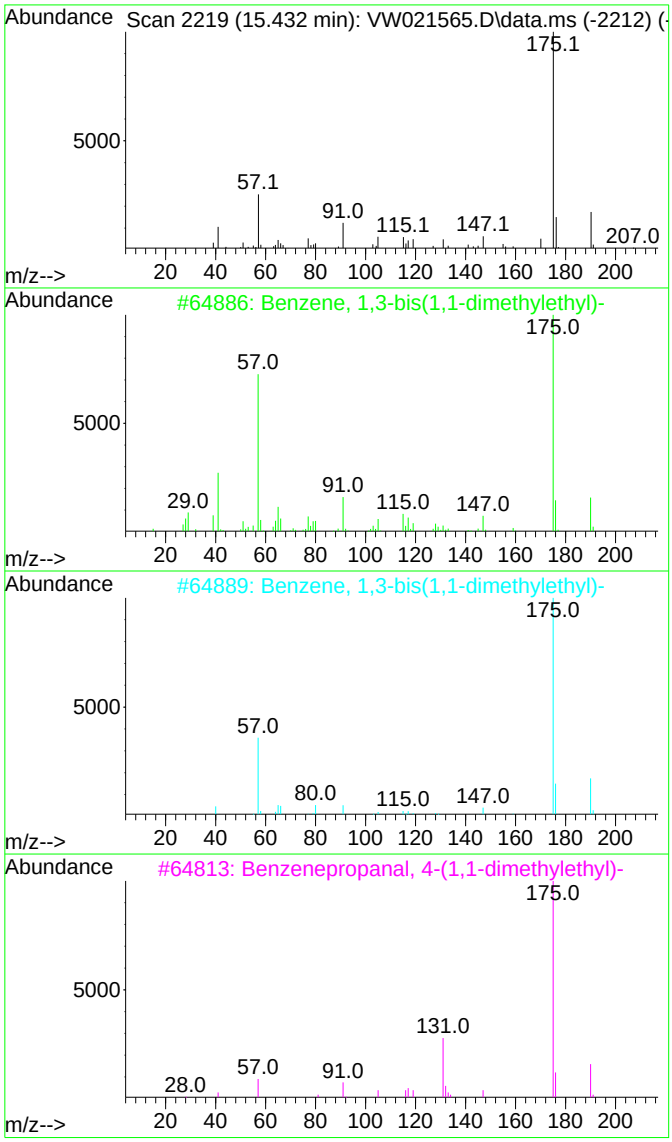
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

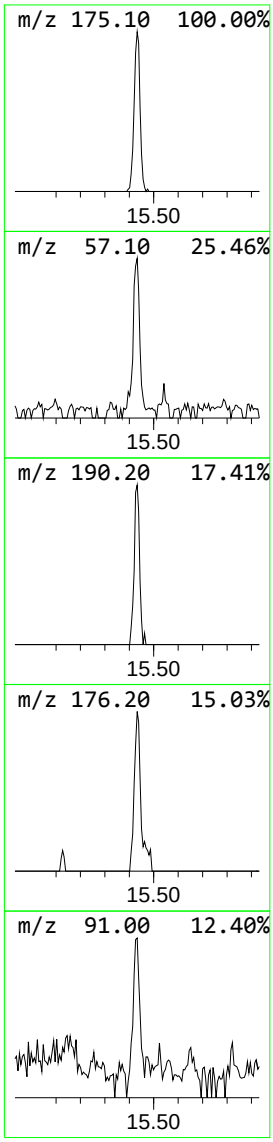
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.432	1.37 ug/L	21081	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	93
2	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	87
3	Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	86
4	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	81
5	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021565.D
Acq On : 22 Dec 2021 16:05
Operator : SY/VA
Sample : VIBLK560
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK560

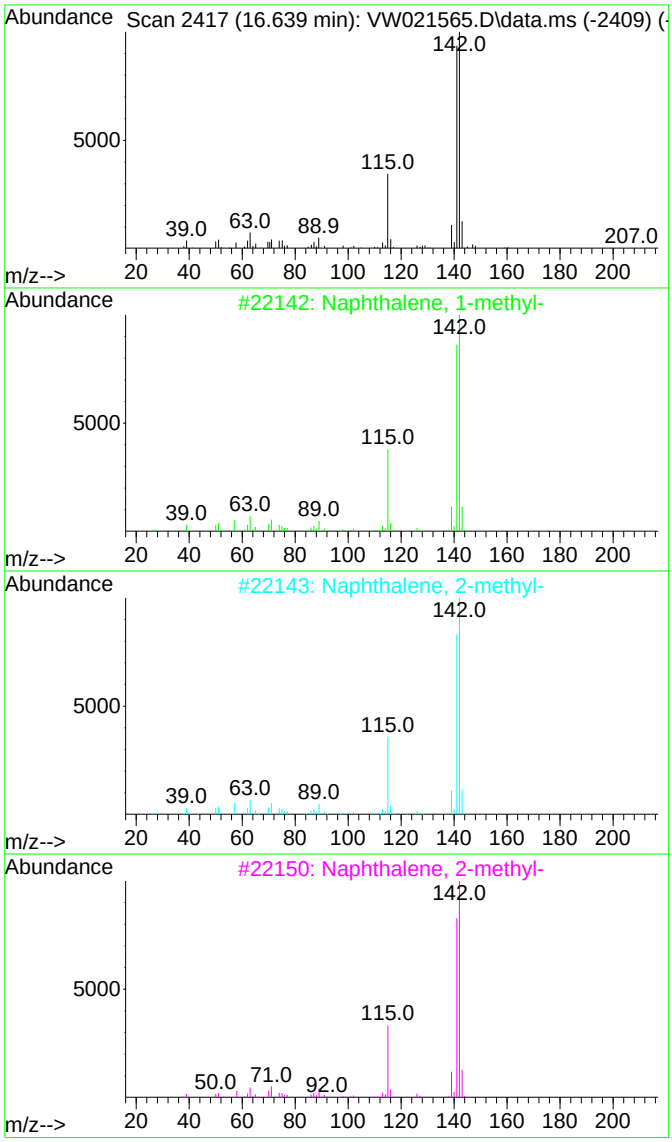
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

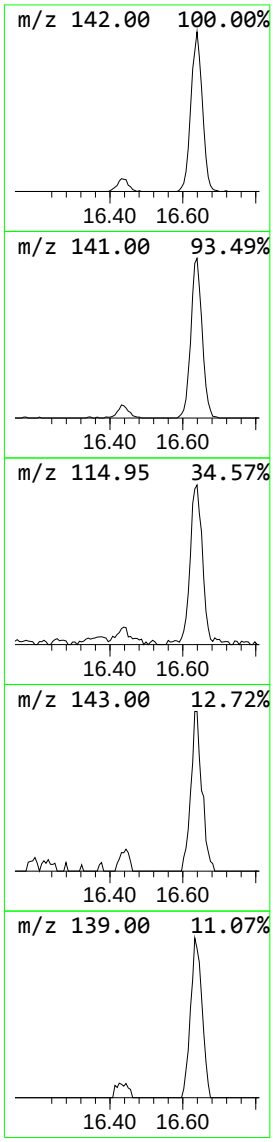
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1,4-Methanonaphthalene, 1,4... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.639	5.17 ug/L	79363	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021565.D
Acq On : 22 Dec 2021 16:05
Operator : SY/VA
Sample : VIBLK560
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK560

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	7.147	2.0	ug/L	20880	1	8.842	263736	25.0
Naphthalene, 1,...	14.304	1.6	ug/L	24023	3	13.554	383717	25.0
Naphthalene, 2-...	14.950	3.7	ug/L	57331	3	13.554	383717	25.0
Azulene	15.359	1.3	ug/L	19436	3	13.554	383717	25.0
Benzene, 1,3-bi...	15.432	1.4	ug/L	21081	3	13.554	383717	25.0
1,4-Methanonaph...	16.639	5.2	ug/L	79363	3	13.554	383717	25.0